

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,914,785 B1
APPLICATION NO. : 10/683569
DATED : July 5, 2005
INVENTOR(S) : Alexander H. Slocum et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, item [57]

ABSTRACT, line 4 delete "acts a fulcrum" and replace with --acts as a fulcrum--.

Column 2, line 34 delete "(GEMS)" and replace with --(MEMS)--.

Column 4, line 16 delete "portion the tank" and replace with --portion of the tank--.

Column 6, line 43 delete "UTHF" and replace with --UHF--.

Column 8, line 20 delete "can operating" and replace with --can operate--.

Column 9, line 12 delete "(FIG. 4, 4A, 8)" and replace with --(FIGS. 4, 4A, 8)--.

Column 9, line 64 delete "second conductive regions 90" and replace with --second conductive region 90--.

Column 10, line 41 delete "second structure are 400b are" and replace with --second structure 400b are--.

Column 10, line 62 delete "region 10a" and replace with --region 101a--.

Column 13, line 26 delete "other dimension" and replace with --other dimensions--.

Column 13, line 45 delete " $\epsilon = 8.85 \times 10^{-12} \text{ C}^2 / \text{N} \cdot \text{n}$: Permittivity of air;" and replace with -- $\epsilon = 8.85 \times 10^{-12} \text{ C}^2 / \text{N} \cdot \text{m}^2$: Permittivity of air;--.

Column 13, lines 61-65 delete "
$$W = \frac{r}{g}$$
$$R = \frac{r-a}{\lambda-a'}$$
" and replace with --
$$W = \frac{r}{g}$$
$$R = \frac{r-a'}{\lambda-a}$$
--.

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| | | | |
|--|---------------------|----|---------------------|
| | $W(0) = \delta = 0$ | | $W(0) = \delta = 0$ |
| | $W(0) = \phi$ | | $\dot{W}(0) = \phi$ |
| Column 14, lines 13-21 delete “ $W(1) = 1$ ” and replace with -- | $W(1) = 1$ | -- | $\dot{W}(1) = 1$ |
| | $W(1) = 0$ | | $\dot{W}(1) = 0$ |
| | $W(1) = 1$ | | $\ddot{W}(1) = 0$ |

Column 14, lines 56-60 delete “and hence, $y(0) = \frac{M_2}{\alpha D} = \phi$.” and replace with

--and hence, $\dot{y}(0) = \frac{M_2}{\alpha D} = \phi$. --.

Column 15, line 23 delete “ $z(a) = \frac{C_1}{2} a$ ” and replace with -- $\dot{z}(a) = \frac{C_1}{2} a$ --.

Column 16, line 9 delete “is filly” and replace with --is fully--.

Column 17, line 40 delete “714a, 714a” and replace with --714a, 714b--.

Column 19, line 20 delete “circuit, component” and replace with --circuit component--.

Column 19, line 59 delete “Also at 30 this step,” and replace with --Also at this step,--.

Column 20, line 7 delete “is deposited of a surface” and replace with --is deposited on a surface--.

Column 20, line 18 delete “appreciated the joint 900” and replace with --appreciated that the joint 900--.

Column 20, lines 42-48 delete the entire paragraph and replace with --In a process step 950b, the substrate 952 is etched, for example wet etched, to form a cavity 958. A metal electrode layer 960 is deposited into the cavity 958 and an insulator, for example, a low-temperature oxide insulator layer 962, is grown on the electrode layer 960. The metal electrode layer 960 is used to form a portion of a zipper actuator, for example the zipper actuator region 524 of FIG. 8.--.

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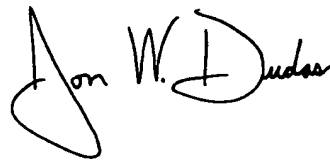
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 21, line 13 delete "appreciated the bond 990," and replace with --appreciated that bond 990,--.

Column 21, line 26 delete "in other embodiment," and replace with --in other embodiments,--.

Signed and Sealed this

Seventeenth Day of October, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office